Sequence Listing

- (1) GENERAL INFORMATION:
 - (i) APPLICANT:
 - (A) NAME: Boehringer Mannheim GmbH
 - (B) STREET: Sandhoferstr. 116
 - (C) CITY: Mannheim
 - (E) COUNTRY: DE
 - (F) POSTAL CODE (ZIP): 68305
 - (G) TELEPHONE: 06217595482
 - (H) TELEFAX: 06217594457
- (ii) TITLE OF INVENTION: Method for uncoupled, direc, exponential amplification and sequencing of DNA molecules with the addition of a second thermostable DNA polymerase and its application
 - (iii) NUMBER OF SEQUENCES: 5
 - (iv) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
- (2) INFORMATION FOR SEQ ID NO: 1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "oligonucleotide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:	
GGCTGGTCCT GCCGCTGCTT GTCAT	25
(2) INFORMATION FOR SEQ ID NO: 2:	
(i) SEQUENCE CHARACTERISTICS:	
(A) LENGTH: 27 base pairs	
(B) TYPE: nucleic acid	
(C) STRANDEDNESS: single	
(D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: other nucleic acid	
(A) DESCRIPTION: /desc = "oligonucleotide"	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:	
CTGCTCCCCA GTGGATCGGG TGTAAAC	27
(2) INFORMATION FOR SEQ ID NO: 3:	
(i) SEQUENCE CHARACTERISTICS:	·
(A) LENGTH: 27 base pairs	
(B) TYPE: nucleic acid	
(C) STRANDEDNESS: single	-
(D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: other nucleic acid	
(A) DESCRIPTION: /desc = "oligonucleotide"	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:	
CACCTTTGGG GTGGTGACAA GTGTGAT	

(2) INFORMATION FOR SEQ ID NO: 4: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "oligonucleotide" (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4: CGACGTTGTA AAACGACGGC CAGT (2) INFORMATION FOR SEQ ID NO: 5: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

(A) DESCRIPTION: /desc = "oligonucleotide"

CAGGAAACAG CTATGAC

24